S3 Table Development of Genome-wide introgression lines in 2013

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Linkage Group | Numbers of marker | Numbers of donor segments | Length of total donor segments (cM) | Average of donor segments(cM) | Longest segment(cM) | Shortest segment(cM) | coverage% |
| A1 | 23 | 15 | 96.425 | 6.42 | 17.72 | 0.655 | 96.55 |
| A2 | 16 | 7 | 136.54 | 19.51 | 41.18 | 4.37 | 90.71 |
| B1 | 10 | 6 | 111.05 | 18.51 | 26.02 | 1.28 | 80.61 |
| B2 | 10 | 6 | 85.97 | 14.33 | 20.2 | 6.24 | 78.33 |
| C1 | 15 | 12 | 130.05 | 10.84 | 36.66 | 0.38 | 99.56 |
| C2 | 10 | 6 | 98.22 | 16.37 | 33.77 | 3.12 | 93.07 |
| D1a | 9 | 4 | 50.57 | 12.64 | 23.87 | 2.31 | 68.77 |
| D1b | 22 | 13 | 129.79 | 9.98 | 22.36 | 0.71 | 83.86 |
| D2 | 22 | 14 | 112.94 | 8.07 | 16.81 | 1.19 | 85.85 |
| E | 11 | 5 | 40.71 | 8.14 | 13.98 | 0.75 | 73.49 |
| F | 20 | 14 | 162.13 | 11.58 | 18.4 | 1.12 | 90.1 |
| G | 20 | 11 | 48.61 | 4.42 | 15.52 | 0.6 | 56.32 |
| H | 15 | 12 | 153.38 | 12.78 | 15.82 | 5.04 | 100 |
| I | 9 | 7 | 87.64 | 12.52 | 17.58 | 6.57 | 87.48 |
| J | 21 | 11 | 87.94 | 7.99 | 13.16 | 0.25 | 99.53 |
| K | 24 | 9 | 67.6 | 7.51 | 34.45 | 0.22 | 72.18 |
| L | 24 | 11 | 87 | 7.91 | 18.44 | 0.45 | 73.76 |
| M | 16 | 10 | 99.71 | 9.97 | 17.8 | 2.5 | 74.5 |
| N | 9 | 5 | 61.95 | 12.39 | 16.04 | 5.99 | 67.84 |
| O | 23 | 16 | 95.64 | 6.38 | 14.64 | 1.28 | 92.17 |
| Average | 16.45 | 9.7 | 97.19 | 10.91 | 21.72 | 2.25 | 83.23 |